EDITOR
Raymond Sicard
Pikeville College

MANAGING EDITOR
Susan Moro
University of St. Thomas

ON-SITE ANNUAL MEETING DIRECTOR
Thomas Tommet
University of St. Thomas

SYMPOSIA CHAIRS

BUSINESS/ECONOMICS
Charles Rambeck
St. John's University

GEOGRAPHY
Bob Werner
University of St. Thomas

STRUCTURAL BIOLOGY
Ellis Bell
Gustavus Adolphus College
Jennifer Cruise
University of St. Thomas

WINCHELL UNDERGRADUATE RESEARCH
Mark Davis
Macalester College

ROD LIBRARY

JAN 07 2002

University of Northern Iowa

Address Editorial Correspondence to: Editor, Minnesota Academy of Science, Suite 410, 408 St. Peter St., St.Paul, MN 55102.

Journal of the

MINNESOTA ACADEMY OF SCIENCE

Vol. 65, No. 1 **Spring 2001**

69th Annual Meeting
Minnesota Academy of Science

Hosted by the
University of St. Thomas
April 27-28, 2001

TABLE OF CONTENTS

ABSTRACTS FOR 69TH ANNUAL MEETING

Business and Economics Symposium 1
Geography Symposium 2
Structural Biology Symposium 5
Winchell Undergraduate Research Symposium 9

RESEARCH PAPERS

Colder by the lake? The lake effect on static air temperatures in Duluth, Minnesota 1961 – 1990.
G.A. Tobin, G.L. Levine, & J.H. Alexander 33

What we know about Minnesota's first endangered fish species: the Topeka shiner
J.T. Hatch 39

Apoptosis of rat myoblasts is induced in vitro by late, but not early, wound fluids.
R.E. Sicard, L. Nguyen, & J. Menezes 47

The Minnesota Academy of Science does not take a stand on issues that may be discussed in articles published in the journal. Readers should bear in mind that views expressed in these articles are strictly those of the authors